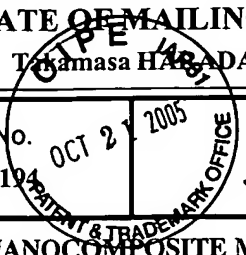

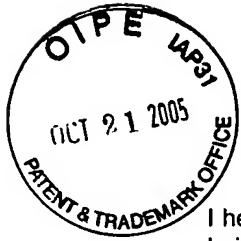


CERTIFICATE OF MAILING BY FIRST CLASS MAIL (37 CFR 1.8)			Docket No. 2002DE301	
Applicant(s): Takamasa HARA et al.				
Serial No. 10/500,194		Filing Date June 24, 2004	Examiner To Be Assigned	Group Art Unit To Be Assigned
Invention: NANOCOMPOSITE MATERIALS FOR THE PRODUCTION OF FILMS WITH A REFRACTIVE INDEX GRADIENT				
<p>I hereby certify that this <u>Information Disclosure Citation - 3 Pages</u> (Identify type of correspondence)</p> <p>is being deposited with the United States Postal Service as first class mail in an envelope addressed to: The Commissioner of Patents and Trademarks, Washington, D.C. 20231-0001 on <u>October 19, 2005</u> (Date)</p> <p><u>MARIA T. SANCHEZ</u> (Typed or Printed Name of Person Mailing Correspondence)</p> <p><u></u> (Signature of Person Mailing Correspondence)</p> <p>Note: Each paper must have its own certificate of mailing.</p>				



PATENT APPLICATION

CERTIFICATE OF MAILING/FACSIMILE TRANSMISSION (37 CFR 1.8)

I hereby certify that this paper (along with any paper referred to as being transmitted therewith) is (XXX) being deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to: Mail Stop Amendment, Commissioner for Patents, P.O. Box. 1450, Alexandria, Virginia 22313-1450 or () being transmitted by facsimile to the U.S. Patent and Trademark Office. (Fax No. 571 273 8300) (pages). This facsimile is being sent from (908) 429-3650.

Maria T. Sanchez
(Print Name)

Date: October 19, 2005

Maria T. Sanchez
(Signature)

DOCKET NO. 2002DE301

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application

Takamasa HARADA et al.

Art Unit: To be assigned

Serial No. 10/500,194, filed June 24, 2004

Examiner: To be assigned

For: **NANOCOMPOSITE MATERIAL FOR THE PRODUCTION OF FILMS
WITH A REFRACTIVE INDEX GRADIENT**

INFORMATION DISCLOSURE STATEMENT

October 19, 2005

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

Serial No. 10/500,194
Filed June 24, 2004

Dear Sir:

In accordance with the duty of disclosure provisions of 37 CFR §1.56, there is hereby provided certain information which the Examiner may consider material to the examination of the subject U.S. patent application. It is requested that the Examiner make this information of record if it is deemed material to the examination of the subject application.

1. Enclosures accompanying this Information Disclosure Statement are:

1a. ☒ Form PTO-1449.

1b. ☒ The following documents are enclosed:

DE 197 19 948
EP 0 671 638
EP 0 437 902
JP 09-222504
WO 94/29768
WO 97/38333
WO 01/22130
WO 03/005072

1c. ☒ An English language copy of search report(s) from a counterpart foreign application or a PCT International Search Report.

- (i) International Preliminary Examination Report from counterpart PCT application (PCT/EP03/00020) of above application and Translation of International Preliminary Examination Report. International Search Report from counterpart PCT application (PCT/EP03/00020) of the above application and Translation of International Search Report.
- (ii) International Preliminary Examination Report from counterpart PCT application (PCT/EP02/13846) of US Patent Application Serial No. 10/497,766 and Translation of International Preliminary Examination Report. International Search Report from counterpart PCT application (PCT/EP02/13846) of US Patent Application Serial No. 10/497,766 and Translation of International Search Report.
- (iii) International Preliminary Examination from counterpart PCT application (PCT/EP03/02676) of US Patent Application Serial No. 10/508,193. International Search

Serial No. 10/500,194
Filed June 24, 2004

Report from counterpart PCT application
(PCT/EP03/02676) of US Patent Application Serial No.
10/508,193 and Translation of International Search Report.

- 1d. ☐ English language translation (complete or relevant portion(s))
attached to each non-English language publication.
- 1e. ☐ Explanations of Relevancy of References (ATTACHMENT 1(d),
hereto) for providing a concise explanation of each non-English
publication.
- 1f. ☒ List of related applications:
- (a) See 1c.(ii) above - Serial No. 10/497,766, filed June 4, 2004
(b) See 1c.(iii) above - Serial No. 10/508,193, filed May 4, 2005
- 1g. ☐ EPO Search Report
2. ☒ This Information Disclosure Statement is filed under 37 CFR §1.97(b)
before the latter of three months after the U.S. patent application filing date or the
first Office Action on the merits. Accordingly, no fee or §1.97(e) Statement is
required.
3. ☐ This Information Disclosure Statement is filed under 37 CFR §1.97(c)
after the first Office Action on the merits, but before a Final Office Action or a Notice
of Allowance.
- 3a. ☐ The §1.97(e) Statement in Item 5 below is applicable.
Accordingly, no fee is required.
- 3b. ☐ The \$180.00 fee set forth in 37 CFR §1.17(p) in
accordance with 37 CFR §1.97(c) is to be charged to
Deposit Account No. 50-3309.
4. ☐ This Information Disclosure Statement is filed under 37 CFR §1.97(d)
after the Final Office Action or the Notice of Allowance, but before
payment of the Issue Fee.
- ☐ The §1.97(e) Statement (Item 5 below) is applicable.
- A Petition to the Commissioner is hereby made under 37 CFR §1.97(d)
to request consideration of this Information Disclosure Statement. The
\$180.00 fee set forth in 37 CFR §1.17(i) is to be charged to Deposit
Account No. 50-3309.
5. ☐ Statement Under §1.97(e) (*applicable if Item 3a or Item 4 is checked*)

- 5a. ☐ In accordance with 37 CFR §1.97(e)(1), it is stated that each item of information contained in this Information Disclosure Statement was first cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement.
- 5b. ☐ In accordance with 37 CFR §1.97(e)(2), it is stated that no item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application and, to the knowledge of the undersigned after making reasonable inquiry, no item of information contained in this Information Disclosure Statement was known by any individual designated in §1.56(c) more than three months prior to the filing of this Information Disclosure Statement.
6. ☐ This is a continuation/divisional/continuation-in-part application under 37 CFR §1.153(b). *(Check appropriate Items 6a and/or 6b.)*
- 6a. ☐ Copies of the publications listed on Form PTO-1449 from prior Application Serial No. / , filed on , of which this application claims priority under 35 USC §120 have been omitted pursuant to 37 CFR §1.98(d).
- 6b. ☐ Copies of the publications listed on Form PTO-1449 which were not previously cited in prior Application Serial No. / , filed on , of which this application claims priority under 35 USC §120, are provided herewith.
- 6c. ☐ Copies of the following publications listed on Form PTO-1449 are not provided herewith as they were previously submitted either through an earlier Information Disclosure Statement or were cited on the International Search Report:
7. ☐ This is a continuation/divisional application under 37 CFR §1.53(d). *(Check either Item 7a or 7b.)*
- 7a. ☐ The Issue Fee has not been paid.

- 7b. ☐ A Petition to Withdraw from Issue under 37 CFR §1.313(b)(5) has been granted. A continuation application under 37 CFR §1.53(d) after payment of the Issue Fee is proper in accordance with 37 CFR §1.53(d)(1)(ii).
8. ☐ This is a Supplemental Information Disclosure Statement. (*Check either Item 8a or 8b.*)
- 8a. ☐ This Supplemental Information Disclosure Statement under 37 CFR §1.97(f) supplements the Information Disclosure Statement filed on _____. A bona fide attempt was made to comply with 37 CFR §1.98, but inadvertent omissions were made. These omissions have been corrected herein. Accordingly, additional time is requested so that this Supplemental Information Disclosure Statement can be considered as if properly filed on _____.
- 8b. ☐ This Supplemental Information Disclosure Statement is timely filed within one (1) month of the Notice under 37 CFR §1.97(i), mailed _____. (MPEP 609, Form ¶ 6.51, July 1997.)
9. ☒ In accordance with 37 CFR §1.98, a concise explanation of what is presently understood to be the relevance of each non-English language publication listed is:
- (*Check appropriate Items 9a, 9b, 9c and/or 9d*)
- 9a. ☐ for 1b. above satisfied because all non-English language publications were cited on the enclosed English language copy of the PCT International Search Report or the search report from a counterpart foreign application indicating the degree of relevance found by the foreign office. (See U.S. Patent and Trademark Office's authorization in the Federal Register, Vol. 57, No. 12, January 17, 1992, at page 2031 (Reply to Comment 68)). The International Search Report was submitted with applicants' application papers and the receipt of which was acknowledged on the Rule 495 Notice of Acceptance, mailed 08/08/2005.
- 9b. ☐ set forth in the application.

- 9c. ☒ satisfied because an English language translation (complete or relevant portion(s)) is attached to each non-English language publication for

JP 09-222504.

- 9d. ☒ the following equivalent English language publication is enclosed (or identified as a US patent):

WO 97/38333	=	US 6,236,493
DE 197 19 948	=	US 6,291,070

- 9e. ☐ abstracts in the English language were previously submitted with Applicants' Information Disclosure Statement dated.

10. The following are equivalents to English language documents enclosed:

WO 01/22130	=	US 6,268,961
WO 03/005072	=	US 2004/246584
EP 0 437 902	=	US 5,134,021


11. ☒ No admission is made that the information cited in this Statement is, or is considered to be, material to patentability nor a representation that a search has been made (other than search report(s) from a counterpart foreign application or a PCT International Search Report, if submitted herewith). 37 CFR §§1.97(g) and (h).
12. ☐ The Commissioner is authorized to credit any overpayment or charge any additional fee required under 37 CFR §1.17 for this Information Disclosure Statement and/or Petition to Deposit Account No. 50-3309.

Respectfully submitted,



Attorney for Applicant(s)
Alan P. Kass
(Reg. No. 32142)
70 Meister Avenue
Somerville, New Jersey 08876
Telephone: (908) 595-3890
Telefax: (908) 429-3650

Customer No. 26,289

<div style="text-align: center;">  <p>INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)</p> </div>	ATTY DOCKET NO. 2002DE301	SERIAL NO. 10/500,194
	Takamasa HARADA et al.	
	FILING June 24, 2004	GROUP To Be Assigned

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	TRADEMARK	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
		5,134,021	7/28/1992	Hosono et al.			
		6,236,493	5/22/2001	Schmidt et al.			
		6,268,961	7/31/2001	Novitt et al.			
		6,291,070	9/18/2001	Arpac et al.			
		2004/246584	12/9/2004	Ahn			

FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
					YES	NO
DE 197 19 948	10/12/1995	GERMANY				
EP 0 671 638	11/19/1998	EUROPE				
EP 0 437 902	7/24/1991	EUROPE				
WO 94/29768	12/22/1994	WIPO				
WO 97/38333	10/16/1997	WIPO				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER	DATE CONSIDERED
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE CITATION*(Use several sheets if necessary)*

ATTY DOCKET NO.

2002DE301

SERIAL NO.

10/500,194

Takamasa HARADA et al.

FILING

June 24, 2004

GROUP

To Be Assigned

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
	WO 01/22130	3/29/2001	WIPO				
	WO 03/005072	1/16/2003	WIPO				
	JP 09-222504	8/26/1997	JAPAN				

OTHER DOCUMENTS *(Including Author, Title, Date, Pertinent Pages, Etc.)*

		English Language Translation of JP 09-222504.

EXAMINER	DATE CONSIDERED
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

